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NPIC/TSG/RED/SDB-036-70 10 September 1970

MEMORANDUM FOR: Special Assistant for Plans & Applications, RED SUBJECT: Collimation Experiment for Light Tables REFERENCE: RED Memo 147-70	
light channeling materials, the following samples were gathered: (1) a small piece of the new rear projection screening material, (2) "flexible Lenscreen" "Might Control" material, (3) "Flexible Lenscreen" and (4) samples of "Cylindrical Lenses" which are an intermediate step in the production of the new rear projection screening material. This material was used instead of the material. This material was used instead of the substituting the Material for the material. Where is a attachment). The report from END should show a correction substituting the Material for the material. 2. With the materials tested, it appears that those that have a high degree of collimation also have a high absorption and that these that have low light absorption have low collimation. While there is that have low light absorption have low collimation. While there is some contention that the light loss could be overcome by removing the some contention that the light table, it is the undersigned opinion diffusing material in the light table, it is the undersigned opinion that a diffusion layer is necessary to even the illumination from the fluorescent tubes. 3. It is recommended that the search be continued for materials which exhibit both increased collimation and transmittance. One possible candidate would be a "Might Control" material with an aluminized coating in place of the dyes presently employed. If and when improved materials in place of the dyes presently employed. If and when improved materials are found, additional tests should be made and the results compared.	25X1 25X1 25X1

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EED Report

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